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JS-10-793-626-2500
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FEATURE:
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416, App
5756, Ap
5756, Ap
6, Appl
14158, Ap
841, Appl
1115, App
1115, App
1115, Appl
1200, Ap
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                                                                                   3, 2005, 14:36:52 ; Search time 11 Seconds (without alignments) 41.789 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/PUB.Pep:*
6: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
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          5.1.6
Compugen Ltd.
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US-110-467-657-7598
US-110-867-657-8064
US-110-862-389-362
US-110-467-657-8698
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US-110-467-657-8698
US-110-467-657-8698
US-110-467-657-362
US-10-467-657-362
US-10-467-657-362
US-10-467-657-362
US-10-467-657-362
US-10-467-657-362
US-10-467-657-4158
US-10-131-826A-54
US-110-880-388-115
US-110-880-388-115
US-110-980-388-96
US-110-793-626-470
US-110-793-626-470
US-110-793-626-470
US-11-108-228-56
US-11-108-228-56
US-11-108-228-58
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          GenCore version (c) 1993 - 2005
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                                                            sw model
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Maximum DB seq length: 200000000
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Publication No. US20050255478A1

GENERAL INFORMATION:

APPLICANT: KIMMERLY, WILLIAM JOHN

TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS

FILE REPRESENCE: PU3480US

CURRENT APPLICATION NUMBER: US/10/793,626

CURRENT FILING DATE: 2004-03-04

PRIOR APPLICATION NUMBER: 60/164,258

PRIOR PILING DATE: 1999-11-09

NUMBER OF SEQ ID NOS: 4472

SOFTWARE: Patentin Ver. 2.1
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      Sequence Sequence
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APPLICANT: CHIRON SpA
APPLICANT: FOUTANA Maria Rita
APPLICANT: POZZA Mariagrazia
APPLICANT: MASIGNAI Vega
APPLICANT: MASIGNAI Vega
APPLICANT: MONACI Elisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR APPLICATION NUMBER: GB-0103424.8
NUMBER OF SEQ ID NOS: 9218
SOTWARE: SeqWin99, version 1.04
SEQ ID NO 7598
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US-10-821-234-1520
US-10-821-234-921
US-10-510-947-1
US-11-074-176-20
US-11-191-374-12
US-11-191-375-12
US-10-831-997-4
US-10-714-781A-67
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Best Local Similarity 100.0%; Pred. No. 2;
Matches 7; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
CRGANISM: Neisseria gonorrhoeae
US-10-467-657-7598
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ORGANISM: Artificial Sequence
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205 RQLANEG 211
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Best Local Similarity
Matches 7; Conserv
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APPLICANT: PROMPEJUS. Markus
APPLICANT: Brompejus. Markus
APPLICANT: Brompejus. Markus
APPLICANT: Schoder, Hartwig
APPLICANT: Schoder, Hartwig
APPLICANT: Gargor
TITLE OF INVENTION: TRANSPORT
TITLE OF INVENTION: UNPERS: US 60/14326
PRIOR APPLICATION NUMBER: US 60/14326
PRIOR FILING DATE: 1999-00-01
PRIOR FILING DATE: 1999-00-01
PRIOR APPLICATION NUMBER: DE 1993149.3
PRIOR PILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: DE 19931549.3
PRIOR PILING DATE: 1999-07-01
PRIOR PILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: DE 19931549.3
PRIOR PILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: DE 1993159.7
PRIOR APPLICATION NUMBER: DE 1993159.7
PRIOR PILING DATE: 1999-07-09
PRIOR PILING DATE: 1999-07-09
PRIOR PILING DATE: 1999-07-09
PRIOR PILING DATE: 1999-07-09
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PRIOR FILING DATE: 1999-07-09
PRIOR FILING DATE: 1999-07-09
PRIOR FILING DATE: 1999-07-01
PRIOR FILING DATE: 1999-07-09
PRIOR FILING DATE: 1999-07-01
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APPLICANT: CHIRON SpA
APPLICANT: FONTANA Maria Rita
APPLICANT: FONTANA Maria Rita
APPLICANT: MASIGNANI Vega
APPLICANT: MASIGNANI Vega
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
FILE REPERBNCE:
CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR PILING DATE: 2001-02-12
NUMBER: OF EQU ID NOS: 9218
SOFTWARE: SeqWin99, version 1.04
SEQ ID NO 8698
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 7.3%; Score 7; DB 7; Best Local Similarity 100.0%; Pred. No. 5.1; Matches 7; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-11-082-389-362
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; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-8698
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APPLICANT: Labat, Ivan
APPLICANT: Stache-Crain, Birgit
APPLICANT: Stache-Crain, Susan
APPLICANT: Andarmani, Susan
APPLICANT: Tang, Y. Tom
ITILE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
FILE REFERENCE: 821A
CURRENT APPLICATION NUMBER: US/10/821,234
CURRENT FILING DATE: 2004-04-07
PRIOR FILING DATE: 2003-04-07
PRIOR FILING DATE: 2003-04-07
NUMBER OF SEQ ID NOS: 1704
SOFTWARE: pt. SEQ_genes Version 1.0
SEQ ID NO 1000
LENGTH: 488
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                                                                                                                                                                                         Sequence 8064, Application US/10467657
Publication No. US20050260581A1
GENERAL INFORMATION:
APPLICANT: CHIRON SpA
APPLICANT: POTANA Mariagrazia
APPLICANT: PASIGNAT Vega
APPLICANT: MASIGNAT Vega
APPLICANT: MASIGNAT Vega
APPLICANT: MASIGNAT Vega
APPLICANT: MASIGNAT Vega
APPLICANT: MOUVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           7.3%; Score 7; DB 6;
100.0%; Pred. No. 3.1;
iive 0; Mismatches
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Pred. No. 3.6;
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Best Local Similarity 100.0%; Pred. No. 3.6
Matches 7; Conservative 0; Mismatches
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CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SeqWin99, version 1.04
SEQ ID NO 8064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 1000, Application US/10821234; Publication No. US20050255114A1; GENERAL INFORMATION:
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US-11-082-389-362
; , Sequence 362, Application US/11082389
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
CRGANISM: Neisseria gonorrhoeae
US-10-467-657-8064
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Best Local Similarity 100.
Matches 7; Conservative
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CORGANISM: Homo sapiens
US-10-821-234-1000
                                         159 LLLAALM 165
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7 LLLAALM 13
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                    PRIOR APPLICATION NUMBER: 60/217,369
PRIOR FILING DATE: 2000-07-11
PRIOR PILING DATE: 2000-07-11
PRIOR PILING DATE: 2000-07-11
PRIOR FILING DATE: 2000-07-11
PRIOR FILING DATE: 2000-07-20
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US-11-074-176-246

Sequence 246, Application US/11074176

Publication No. US20050250135A1

GENERAL INFORMATION:

APPLICANT: Russell, William M.

APPLICANT: Russell, William M.

APPLICANT: Altermann, Eric

APPLICANT: Altermann, Eric

APPLICANT: Peril, Andrea Azcarate

TITLE OF INVENTION: Nucleic Acid Sequences Encoding

TITLE OF INVENTION: Stress-Related Proteins and Uses Therefore

FILE REPERENCE: 5051-694

CURRENT FILING DATE: 2005-03-07

PRIOR PILING DATE: 2004-03-08

NUMBER: OF SEQ ID NOS: 381

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 246

LENGTH: 182
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o. 15;
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Best Local Similarity 100.0%; Pred. No.
Matches 6; Conservative 0; Mismatch
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; Publication No. US20050245730A1
; GENERAL INFORMATION:
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APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
PRIOR FILING DATE: 2000-03-13
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Godowski, Paul J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             , ORGANISM: Homo sapiens
US-10-980-388-94
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                                     Length 87;
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APPLICANT: PONTANA Maria Rita
APPLICANT: PLAZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Blisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
PILE REFERENCE:
                                 Query Match 6.2%; Score 6; DB 6; Best Local Similarity 100.0%; Pred. No. 7.2; Matches 6; Conservative 0; Mismatches
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CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SeqWin99, version 1.04
SEQ ID NO 7270
LENGTH: 140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 7270, Application US/10467657; Publication No. US20050260581A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-7270
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Best Local Similarity 100.
Matches 6; Conservative
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7 LLLAAL 12
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SCHEMENT INTOTATION.

APPLICANT: CHIRON SpA
APPLICANT: CHIRON SpA
APPLICANT: FONTANA Maria Rita
APPLICANT: PIZZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
FILE REPERENCE:
CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT PILING DATE: 2003-08-11
PRIOR PLING DATE: 2001-02-12
NUMBER: OF SEQ ID NOS: 9218
SOFTWARE: Seqwing9, version 1.04
SEQ ID NO 6
LENGTH: 276
                                                                                                                                                                                                                                                                                                                                                Sequence 7037-3304

Sequence 7037-3304

Publication No. US20050260581A1

GENERAL INPORMATION:
APPLICANT: CHIRON SpA

APPLICANT: FORTANA Maria Rita
APPLICANT: FORTANA Maria Rita
APPLICANT: FORTANA Maria Rita
APPLICANT: MASIGNAN VOGGA

APPLICANT: MASIGNAN VOGGA

APPLICANT: MONACI Elisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT APPLICATION NUMBER: US-11

PRIOR APPLICATION NUMBER: GB-0103424.8

PRIOR FILING DATE: 2001-02-12

NUMBER OF SEQ ID NOS: 9218

SOFFWARE: SeqWin99, version 1.04
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Length 229,
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Best Local Similarity 100.0%; Pred. No. 22;
Matches 6; Conservative 0; Mismatches
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6.2%; Score 6; DB 6;
100.0%; Pred. No. 18;
:ive 0; Mismatches
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; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-6
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   Query Match
Best Local Similarity 100.
Matches 6; Conservative
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US-10-467-657-3362
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LENGTH: 243
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                                                         APPLICANT: Stewart, Timochy A.
APPLICANT: Stewart, Timochy A.
APPLICANT: Watanabe Colin K
APPLICANT: Watanabe Colin K
APPLICANT: Wood, William
APPLICANT: Wood, William
APPLICANT: Wood, William
APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REPRENCE: 203-001-02-04-24
CURRENT FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/049911
PRIOR PHILNG DATE: 1997-06-18
PRIOR PHILNG DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059113
PRIOR PRILNG DATE: 1997-09-17
PRIOR PELLON NUMBER: 60/059115
PRIOR PELLON NUMBER: 60/059115
PRIOR PELLON NUMBER: 60/05912
PRIOR PELLON NUMBER: 60/05914
PRIOR PELLON NUMBER: 60/05912
PRIOR PELLON NUMBER: 60/05912
PRIOR PELLON NUMBER: 60/05913
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Publication No. US20050260581A1

GENERAL INPORMATION:

APPLICANT: CHIRON SpA

APPLICANT: PONTANA Maria Rita

APPLICANT: PONTANA Maria Rita

APPLICANT: MASIGNAI Vega

APPLICANT: MASIGNAI Vega

TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS

TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS

FILE REFERENCE:

CURRENT FILING DATE: 2003-08-11

PRIOR APPLICATION NUMBER: GB-0103424.8

PRIOR PILING DATE: 2001-02-12

NUMBER OF SEQ ID NOS: 9218

SOFTWARE: SEQUIN99, version 1.04

SEQ ID NO 5756

LENGTH: 229
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ORGANISM: Neisseria gonorrhoeae
US-10-467-657-5756
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-410
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12 LLLAAL 17
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US-10-467-657-5756
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Sequence 115, Application US/10980388
Publication No. US20050255490A1
GENERAL INFORMATION:
PRIOR APPLICATION NUMBER: 60/059122
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APPLICANT: Barodi, Luis A.
APPLICANT: Hiebsch, Ronald R.
APPLICANT: Lind, Peter
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Best Local Similarity 100.
Matches 6; Conservative
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Best Local Similarity 100.
Matches 6; Conservative
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ORGANISM: Homo sapiens
US-10-821-234-981
                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Homo Sapien
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US-10-980-388-115
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                                                                        Sequence 4158, Application US/10467657
; Sequence 4158, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
    APPLICANT: CHIRON SpA
    APPLICANT: CHIRON SpA
    APPLICANT: PIZZA Maria Rita
    APPLICANT: MASIGNAN Vega
    APPLICANT: MASIGNAN Vega
    APPLICANT: MASIGNAN Vega
    APPLICANT: MASIGNAN Vega
    APPLICANT: MONACI Eliaabetta
    ITILE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
    FILE REFERENCE:
    CURRENT APPLICATION NUMBER: US/10/467,657
    CURRENT PILING DATE: 2001-02-12
    NUMBER: OF SEQ ID NOS: 9218
    SOFTWARE: SeqWin99, version 1.04
    SEQ ID NO 4158
    LENGTH: 276
    TOTAL MARIAN SPA
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Best Local Similarity 100.0%; Pred. No. 22;
Matches 6; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-4158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gerritsen, Mary B.
Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Watanabe, Colin K
Wood, William
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APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Desnoyers, Luc
Filvaroff, Ellen
Gao, Wei-Qiang
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           7 LLLAAL 12
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LLLAAL 31
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APPLICANT:
APPLICANT:
APPLICANT:
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PRIOR APPLICANT NUMBER: 60/055144
PRIOR APPLICANT NUMBER: 60/055144
PRIOR PELING NUMBER: 60/055144
PRIOR PELING NUMBER: 60/05514
PRIOR PELING NUMBER: 60/05552
PRIOR PELING NUMBER: 60/05552
PRIOR PELING NUMBER: 60/055532
PRIOR PELING NUMBER: 60/055569
PRIOR PELING NUMBER: 60/05569
PRIOR PELING NUMBER: 60/0569
PRIOR PERIOR PELING NUMBER: 60/0569
PRIOR PELING NUMBER: 60/0569
PRIOR PERIOR PERIO
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APPLICANT: CHIRON SPA
APPLICANT: CHIRON SPA
APPLICANT: FONTANA Maria Rita
APPLICANT: FONTANA Maria Rita
APPLICANT: MASIGNANI Vega
APPLICANT: MASIGNANI Vega
APPLICANT: MASIGNANI Vega
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
ITILE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT PILIANG DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR PILIANG DATE: 2001-02-12
NUMBER OF EGO ID NOS: 9218
SOFTWARE: SeqWing9, version 1.04
SEQ ID NO 4760
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 6.2%; Score 6; DB 6;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 6; Conservative 0; Mismatches
                                                                                                                                                      Sequence 4740, Application US/10467657 Publication No. US20050260581A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-4740
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  236 LLLAAL 241
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US-10-980-388-96
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FILE REFERENCE: 00325.US1

CURRENT APPLICATION NUMBER: US/10/980,388

CURRENT FILMS DATE: 2004-11.02

PRIOR PELING DATE: 2001-02-23

PRIOR PELING DATE: 2000-02-23

PRIOR FILING DATE: 2000-02-23

PRIOR FILING DATE: 2000-02-23

PRIOR FILING DATE: 2000-02-23

PRIOR PLICATION NUMBER: 60/184,305

PRIOR FILING DATE: 2000-02-23

PRIOR PLICATION NUMBER: 60/184,307

PRIOR PLILNG DATE: 2000-02-23

PRIOR PLILNG DATE: 2000-03-13

PRIOR PLILNG DATE: 2000-03-13

PRIOR PLILNG DATE: 2000-03-13

PRIOR PLILNG DATE: 2000-03-13

PRIOR PLILNG DATE: 2000-07-11

PRIOR PLILNG DATE: 2000-07-11

PRIOR PLILNG DATE: 2000-07-11

PRIOR PLILNG DATE: 2000-07-20

PRIOR PLING DATE: 2000-07-30

PRIOR PLING DATE: 2000-07-30

PRIOR PLING DATE: 2000-07-30

PLING PLING DATE: 2000-07-30

PLING DATE: 2000-07-30

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US-10-467-657-8200

IS Sequence 8200, Application US/10467657

PUBLICATION OF USZO050260581A1

GENERAL INFORMATION:

APPLICANT: CHIRON SpA

APPLICANT: POUTANA Maria Rita

APPLICANT: POUTANA Maria Rita

APPLICANT: POUTANA Mariagrazia

APPLICANT: MASIGNANI Vega

ITILE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS

FILE REPRENCE:

CURRENT APPLICATION NUMBER: US/10/467,657

CURRENT PILING DATE: 2003-08-11

PRIOR PILING DATE: 2001-02-12

NUMBER OF SEQ ID NOS: 9218

SOFTWARE: SeqWin99, version 1.04

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100.0%; Pred. No. 27;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 337;
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Pred. No. 27;
0; Mismatches
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Best Local Similarity 100.0%; Pr
Matches 6; Conservative 0;
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US-10-467-657-8200
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Best Local Similarity 100.
Matches 6; Conservative
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100.0%; Pred. No. 28;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 6; Conservative
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   Indels
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APPLICANT: Largen, Glann
APPLICANT: Marvin, Martha
APPLICANT: Many Elizabeth
APPLICANT: Gran Y.
APPLICANT: Chen, C. M. Amy
APPLICANT: Shamah, Steven M.
TITLE OF INVENTION: METHODS OF PROMOTING CARDIAC CELL
TITLE OF INVENTION: METHODS OF PROMOTING CARDIAC CURRENT APPLICATION NUMBER: US/11/108,528
CURRENT APPLICATION NUMBER: US 60/563,137
PRIOR APPLICATION NUMBER: US 60/563,137
PRIOR FILING DATE: 2004-04-16
PRIOR FILING DATE: 2004-04-16
PRIOR FILING DATE: 2004-08-02
NUMBER OF SEQ ID NOS: 86
SOFTWARE: FastSEQ for Windows Version 4.0
LENGHAL: 365
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APPLICANT: Marvin, Martha
APPLICANT: Li, Dean Y.
APPLICANT: Li, Dean Y.
APPLICANT: Li, Dean Y.
APPLICANT: Wary, Elizabeth
APPLICANT: Chen, C. M. Amy
APPLICANT: Chen, C. M. Amy
APPLICANT: Shamah, Steven M.
TITLE OF INVENTION: PROLIFERATION
TITLE OF INVENTION: PROLIFERATION
TITLE OF INVENTION: PROLIFERATION
TITLE OF INVENTION: NUMBER: US/11/108,528
CURRENT FILING DATE: 2005-04-18
FRIOR APPLICATION NUMBER: US 60/563,137
FRIOR APPLICATION NUMBER: US 60/598,368
SOFTWARE: FAILNG DATE: 2004-04-16
FRIOR APPLICATION NUMBER: US 60/598,368
NUMBER OF SEQ. ID NOS: 86
SOFTWARE: FRIENG PATE:
LENGTH: 365
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100.0%; Pred. No. 29;
   0; Mismatches
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Publication No. US20050261189A1
GENERAL INFORMATION:
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Sequence 56, Application US/11108528

; Publication No. US20050261189A1

; GENERAL INFORMATION:
   6; Conservative
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Best Local Similarity
Matches 6; Conserv
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                                                             6 SLLLAA 11
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US-11-108-528-58
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Matches
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                                                                                                                                                          ## APPLICANY: Wood, Linda S.

TITLE OF INVENTION: Novel G Protein-Coupled Receptors Cross-Reference To Related Appl CURRENT APPLICATION WUMBER: US/10/980,388

CURRENT APPLICATION WUMBER: US/09/791,932

PRIOR APPLICATION WUMBER: US/09/791,932

PRIOR APPLICATION WUMBER: US/09/791,932

PRIOR APPLICATION WUMBER: GO/184,303

PRIOR FILING DATE: 2000-02-23

PRIOR PELING DATE: 2000-02-23

PRIOR PELING DATE: 2000-02-23

PRIOR PELING DATE: 2000-02-23

PRIOR PELING DATE: 2000-02-33

PRIOR PELING DATE: 2000-02-34

PRIOR PELING DATE: 2000-02-34

PRIOR PELING DATE: 2000-02-34

PRIOR PELING DATE: 2000-02-13

PRIOR PELING DATE: 2000-03-13

PRIOR PELING DATE: 2000-03-13

PRIOR PELING DATE: 2000-07-11

PRIOR PELING DATE: 2000-07-13

PRIOR PELING DATE: 2000-07-14

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Publication No. US20050255478A1
GENERAL INFORMATION:
APPLICANT: KIMMERLY, WILLIAM JOHN
TITLE OF INVENTION: STARHYLOCCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
FILE REFERENCE: PU3480US
CURRENT APPLICATION NUMBER: US/10/793,626
CURRENT PILING DATE: 2004-03-04
PRIOR PILING DATE: 1999-11-09
NUMBER OF SEQ ID NOS: 4472
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 470
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OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-793-626-470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6.2%; Score 6; DB 6; Length 358;
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ORGANISM: Artificial Sequence
Hiebsch, Ronald R.
                                                                                   Ruff, Valerie
Huff, Rita M.
Wood, Linda S.
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Best Local Similarity 100.
Matches 6; Conservative
                                                          Kaytes, Paul S.
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US-10-980-388-96
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US-10-793-626-470
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Best Local Similarity 100.0%; Pred. No. 29; Matches 6; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                      TYPE: PRT
CRGANISM: Homo sapiens
US-10-980-388-116
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hypothetical protein XF2231 [imported] - Xylella fastidiosa (strain 9a5c)
C;Species: Xylella fastidiosa
C;Species: Xylella fastidiosa
C;Jote: 18-Aug-2000 #sequence_revision 20-Aug-2000 #text_change 09-Jul-2004
C;Accession: B82584
R;anonymous, The Xylella fastidiosa Consortium of the Organization for Nucleotide Sequenc
R;anonymous, The genome sequence of the plant pathogen Xylella fastidiosa.
A;Title: The genome sequence of the plant pathogen Xylella fastidiosa.
A;Reference number: A82515; MID:20365717; PMID:10910347
A;Note: for a complete list of authors see reference number A59328 below
                                                                                                                                                                                                                             A;Status: preliminary
A;Molecule type: DNA
A;Cross-references: UNIPROT:Q9BB3; UNIPARC:UPI00000C2998; GB:AE004035; GB:AE003849; NID
A;Experimental source: strain 9a5c
R;Simpson, A.J.G.; Reinach, F.C.; Arruda, P.; Abreu, F.A.; Acencio, M.; Alvarenga, R.; Al
Briones, M.R.S.; Bueno, M.R.P.; Canargo, A.A.; Canargo, L.E.A.; Carraro, D.M.; Carrer, H
as-Neto, E.; Docena, C.; El-Dorry, H.; Facincani, A.P.; Franca, A.J.S.
sa-Neto, E.; Docena, C.; El-Dorry, H.; Facincani, A.P.; Franca, A.J.S.
as-Neto, E.; Marchara, A.J.; Marchara, A.J.; Marchara, A.J.; Marchara, A.J.; Madeira, A.M.B.N.; Madeira, A.M.B.N.; Madeira, A.M.; Madeira, M.Y.; Marino, C.L.; Marcues, M.V.; Marcins, E. A;Authors: Martins, E.M.F.; Matsukuma, A.Y.; Marino, C.L.; Marcues, M.V.; Marcins, E. A;Authors: Martins, E.M.F.; Matsukuma, A.Y.; Menck, C.; Go Oliveira, R.C.; Palmieri, D.A.
Rodrigues, V.; Rosa, A.J. de M.; de Rosa Jr., V.E.; de Si, Santelli, R.V.; Sawasak:
A;Authors da Silva, A.C.R.; da Silva, F.R.; da Silva, A.M.; Silva Jr., W.A.; da Silvaira, A.M.; Tsuhako, M.H.; Vallada, H.; Van Sluys, M.A.; Verjovski-Almeida, S.; Vettore, A.L.; Za, A.R.; A.R
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T17197
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T26063
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Tibonucleoside-diphosphate reductase beta subunit nrdB [imported] - Bacillus halodurans C;Species: DolDec-2000 #sequence_revision 01-Dec-2000 #text_change 09-Jul-2004 C;Accession: F83712 R;Takami, H.; Nakasone, K.; Takaki, Y.; Maeno, G.; Sasaki, R.; Masui, N.; Fuji, F.; Hira Nucleic Acids Res. 28, 4317-4331, 2000 A;Title: Complete genome sequence of the alkaliphilic bacterium Bacillus halodurans and A;Reference number: A83650; MUID:20512582; PMID:11058132 A;Accession: F83712 A;Accession: F83712 A;Accession: F83712 A;Accession: Jas csto. A;Accession: Jas csto. A;Accession: Fasidus A;Accession: Preliminary A;Accession: Freliminary A;Accession: Freliminary A;Accession: Freliminary A;Accession: 
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C;Genetics:
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hypothetical 16.2K protein (iadA-mcrD intergenic region) - Escherichia coli (strain K-12) N.Alternate names: hypothetical protein f153 (iadA 5' region) C.Species: Bscherichia coli C.Species: Bscherichia coli C.Species: 19-0ct-1995 #sequence revision 19-0ct-1995 #text_change 09-Jul-2004 C.Accession: A55889; S56554; G65247 R.Gary, J.D.; Clarke, S. J. Biol. Chem. 270, 4076-4087, 1995 A.Title: Purification and characterization of an isoaspartyl dipeptidase from Escherichia A.Reference number: A55889; MUID:95181377; PMID:7876157

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Gaps

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0; Indels Length 63;

5;

7.3%; Score 7; DB 2; 100.0%; Pred. No. 11; artive 0; Mismatches

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SLLLAAL 42

A; Molecule type: DNA A; Residues: 1-153 cGRN-A; Residues: 1-153 cGRN-A; Cross-references: UNIPROT: P39378; UNIPPARC: UPI000013B5B0; GB: U15029; NID: g640029; PIDN: J A; Burland, V.; Plunkett III, G.; Sofia, H.J.; Daniels, D.L.; Blattner, F.R. Nucleic Acids Res. 23, 2105-2119, 1995 A; Title: Analysis of the Bscherichia coli genome VI: DNA sequence of the region from 92.6 A; Reference number: S56314; MUID: 95334362; PMID: 7610040 A; Accession: S56554 A; Status: preliminary; nucleic acid sequence not shown; translation not shown

A;Status: preliminary

A;Cross-references: UNIPARC:UP1000013B5B0; EMBL:U14003; NID:g1263172; PIDN:AAA97225.1; Pl A;Note: the nucleotide sequence was submitted to the EMBL Data Library, August 1994 R;Battner, F.R.; Plunkett III, G.; Bloch, C.A.; Perna, N.T.; Burland, V.; Riley, M.; Col .A.; Rose, D.J.; Mau, B.; Shao, Y.

A; Residues: 1-153 <BUR>

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Gaps

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Length 345;

A; Molecule type: DNA

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0; Indels
Query Match 8.3%; Source, Best Local Similarity 100.0%; Pred. No. 4.6;
                                                                                          107 LAALMSVL 114
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Superfamily: ribonucleoside diphosphate reductase beta chain

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Gaps

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Cjaccesion: C69470
Rytlenk, H.P.; Clayton, R.A.; Tomb, J.F.; White, O.; Nelson, K.E.; Ketchum, K.A.; Dodson Skilenk, H.P.; Clayton, R.A.; Tomb, J.F.; White, O.; Nelson, K.E.; Ketchum, K.A.; Dodson, Fleischmann, R.D.; Quackenbush, J.; Lee, N.H.; Sutton, G.G.; Gill, S.; Kirkness, B.F. Glodek, A.; Zhou, L.; Overbeek, R.; Gocayne, J.D.; Weidman, J.F.; McDonald, L. Nature 390, 364-370, 1997
A,Authors: Utterback, T.; Cotton, M.D.; Spriggs, T.; Artiach, P.; Kaine, B.P.; Sykes, S. Smith, H.O.; Woese, C.R.; Venter, J.C.
A,Title: The complete genome sequence of the hyperthermophilic, sulfate-reducing archaeo A,Recession: C64470
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A;Readdues: 1-160 < KUR>
A;Cross-references: UNIPROT: Q92UP5; UNIPARC: UPI00000CB743; GB: AL591985; PIDN: CAC49450.1;
A;Cross-references: UNIPROT: Q92UP5; UNIPARC: UPI00000CB743; GB: AL591985; PIDN: CAC49450.1;
A;Cross-references: Universes: Universe
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C;Superfamily: Archaeoglobus probable dCMP deaminase
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C;Species: Archaeoglobus fulgidus
C;Date: 05-Dec_1997 #sequence_revision 05-Dec-1997 #text_change 09-Jul-2004
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Matches 7; Conserv
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A;Gene: SMb20927
A;Genome: plasmid
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A;Reference number: A65480; MUID:21074935; PMID:11206551 A;Reference number: A65480; MUID:21074935; PMID:11206551 A;Residues: 1-153 <STO> A;Coss-references: UNIPROT:P39378; UNIPARC:UPI000013B5B0; GB:AE005174; NID:g12519340; B;Residues: 1-153 <STO> A;Cross-references: UNIPROT:P39378; UNIPARC:UPI000013B5B0; GB:AE005174; NID:g12519340; B;Reperimental source: strain 0157:H7, substrain EDL933 C;Genetics: A;Gene: yjiG C;Superfamily: spore maturation protein, SpmB type
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A;Title: Complete genome sequence of enterohemorrhagic Escherichia coli O157:H7 and genc A;Accession: G91289
A;Accession: G91289
A;Status: preliminary
A;Molecule type: DNA
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A,Title: The complete genome sequence of Escherichia coli K-12.
A,Reference number: A64720; MUID:97426617; PMID:9278503
A,Accession: C65247
A,Accession: C65247
A,Accession: C65247
A,Residues: prelimary; nucleic acid sequence not shown; translation not shown
A,Residues: 1-153 <BLAT>
A,Residue
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C;Date: 18-Jul-2001 #sequence_revision 18-Jul-2001 #text_change 09-Jul-2004
C;Accession: G91289
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7.3%; Score 7; DB 2; Length 153;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 7; Conservative 0; Mismatches 0; Indels
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Superfamily: spore maturation protein, SpmB type
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C,Superfamily: spore maturation protein, SpmB type
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100.0%; Pred. No. 23;
ative 0; Mismatches
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Matches 7
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A,Residues: 1-238 <RES>
A,Cross-references: UNIPROT:099114; UNIPARC:UPI00000B0580; GB:M63348; NID:g146984; PIDN::
C,Genetics:
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A;Experimental source: ATCC 33430
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A;Residues: 1-241 <RES>
A;Cross-references: UNIPROT: Q99124; UNIPARC: UPI0000130CF2; GB:M63343; NID:g146988; PIDN:
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N;Alternate names: outer membrane protein II
C;Species: Bscherichia blattae
C;Species: Bscherichia blattae
C;Date: 04-Sep-1997 #sequence_revision 07-Nov-1997 #text_change 09-Jul-2004
C;Accession: I62387
R;Lawrence, J.G.; Ochnan, H.; Hartl, D.L.
J; Gen. Microbiol. 137, 1911-1921, 1991
A;Ritle: Molecular and evolutionary relationships among enteric bacteria.
A;Reference number: 140701; MUID:92065252; PMID:1955870
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              outer membrane protein ompA - Escherichia blattae (ATCC 33430) (fragment) NiAlternate names: outer membrane protein II Cispecies: Escherichia blattae A;Variety: ATCC 33430 C;Date: 04-Sep-1997 #sequence_revision 07-Nov-1997 #text_change 09-Jul-2004
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R;Lawrence, J.G.; Ochman, H.; Hartl, D.L.
J. Gen. Microbiol. 137, 1911-1921, 1991
A;Title: Molcoular and evolutionary relationships among enteric bacteria. A;Reference number: 140701; MUID:92065252; PMID:1955870
A;Accession: 162394
A;Accession: 162394
A;Status: preliminary; translated from GB/EMBL/DDBJ
A;Molecule type: DNA
A;Residues: 1-240 <RES.
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100.0%; Pred. No. 33;
ive 0; Mismatches
                                                                                                              A;Gene: ompA
C;Superfanily: outer membrane protein A
C;Keywords: membrane protein
F;98-109/Region: alanine/proline-rich
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F;100-111/Region: alanine/proline-rich
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nes 7; Conservative
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A; Molecule type: DNA
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162394
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A;Title: Sequence and analysis of chromosome 2 of the plant Arabidopsis thaliana. A;Reference number: A84420; MUID:20083487; PMID:10617197
A;Accession: F84481
A;Accession: F84481
A;Anolecule type: DNA
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C;Genetics:
                                                                                                                                                         hypothetical protein - fission yeast (Schizosaccharomyces pombe) (fragment)
C;Species: Schizosaccharomyces pombe
C;Date: 11-Jan-2000 #sequence_revision 11-Jan-2000 #text_change 09-Jul-2004
C;Accession: T43151
R;Yoshidoka, S.; Kato, K.; Nakai, K.; Okayama, H.; Nojima, H.
BNA Res. 4, 363-369, 1997
A;Title: Identification of open reading frames in Schizosaccharomyces pombe cDNAs.
A;Reference number: Z17323; MUID:98162722; PMID:9501991
A;Accession: T43151
A;Status: preliminary; translated from GB/EMBL/DDBJ
A;Molecule type: mRNA
A;Residues: L201 < NGS-
A;Kresidues: UNIPROT:P78893; UNIPARC:UP1000006A723; EMBL:D89244; NID:91749695; BA;Experimental source: strain PR745
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Outer membrane protein ompA - Escherichia vulneris (fragment)
N;Alternate names: outer membrane protein II
C;Species: Escherichia vulneris
C;Date: 04-Sep-1997 #sequence_revision 07-Nov-1997 #text_change 09-Jul-2004.
C;Accession: 162386
B;Lawrence, J.G.; Ochman, H.; Hartl, D.L.
J. Gen. Microbiol. 137, 1911-1921, 1991
A;Title: Molecular and evolutionary relationships among enteric bacteria.
A;Accession: 162385
A;Status: preliminary; translated from GB/EMBL/DDBJ
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Mutator-like transposase [imported] - Arabidopsis thaliana
C;Species: Arabidopsis thaliana (mouse-ear cress)
C;Date: 02-Feb-2001 #sequence_revision 02-Feb-2001 #text_change 09-Jul-2004
C;Accession: F84481
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Best Local Similarity 100.0%; Pred. No. 29;
Matches 7; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            189 SVLLLHL 195
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A;Residues: 1-212 <STO>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A, Gene: At2g07030
A, Map position: 2
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Conserved hypothetical protein BB0225 - Lywe disease spirochete
C;Species: Borrelia burgdorferi (Lywe disease spirochete)
C;Species: Borrelia burgdorferi (Lywe disease spirochete)
C;Date: 13-Feb-1998 #sequence_revision 13-Feb-1998 #text_change 05-Oct-2004
C;Accession. A70128
R;Praser, C.M.; Casjens, S.; Huang, W.M.; Sutton, G.G.; Clayton, R.; Lathigra, R.; White Son, D.; Peterson, J.; Kerlavage, A.R.; Quackenbush, J.; Salzberg, S.; Hanson, M.; Vugt., Bowman, C.; Garland, S.; Fujii, C.; Cotton, M.D.; Horst, K.; Roberts, K.; Hatch, B. Nature 390, 580-586, 1997
A;Authors: Smith, H.O.; Venter, J.C.
A;Authors: Smith, H.O.; Venter, J.C.
A;Authors: Smith, H.O.; Venter, J.C.
A;Reference number: A70128
A;Reference number: A70128
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A;Molecule type: DNA
A;Residues: 1-35 <KLES
A;Cross-references: UNIPROT:O51243; UNIPARC:UPI00000573CB; GB:AE001133; GB:AE000783; NID
A;Experimental source: strain B31
C;Superfamily: tRNA-dihydrouridine synthase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A;Gross references: UNIPROT: P24747; UNIPARC: UPI0000130CF3; GB: M63352; NID: g146990; PIDN: A;Experimental source: ATCC 35471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           A;Cross-references: UNIPARC:UP10000130CF3; GB:M63353; NID:g146998; PIDN:AAA24240.1; PID:
A;Experimental source: ATCC 35472
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                                                                                                                                           outer membrane protein A - Escherichia fergusonii (ATCC 35472) (fragment) N.Alternate names: outer membrane protein II C.Species: Escherichia fergusonii A.Variety: ATCC 3472)
A.Variety: ATCC 3472
A.Variety: ATCC 3472
C.Date: 04-Sep-1997 #sequence_revision 07-Nov-1997 #text_change 09-Jul-2004 C.Accession: I62388; I62392
C.Accession: I62388; I62392
R.Lawrence, J.G.; Ochman, H.; Hartl, D.L.
A.Gon. Microbiol. 137, 1911-1911, 1991
A.Title: Molecular and evolutionary relationships among enteric bacteria.
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A,Status: preliminary; translated from GB/EMBL/DDBJ
A,Molecule type: DNA
A,Residues: 1-243 <RES>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A;Accession: IG2392
A;Status: preliminary; translated from GB/EMBL/DDBJ
A;Molecule type: DNA
A;Residues: 1-243 <RB2>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 7.3%; Score 7; DB 2; Best Local Similarity 100.0%; Pred. No. 43; Matches 7; Conservative 0; Mismatches
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F;103-114/Region: alanine/proline-rich
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NyAlternate names: outer membrane protein II
C;Species: Escherichia fergusonii
A;Varietry: ATCC 35469
C;Date: 04-Sep-1997 #sequence_revision 07-Nov-1997 #text_change 09-Jul-2004
C;Accession: 184531
R;Lawrence, J.G.; Ochman, H.; Hartl, D.L.
J. Gen. Microbiol: 137, 1911-1921, 1991
A;Title: Molecular and evolutionary relationships among enteric bacteria.
A;Reference number: 140701; MUID:92055252; PMID:195870
A;Reference number: 140701; MUID:92055252; PMID:1955870
A;Reference number: 140701; MUID:9205252; PMID:1955870
A;Reference number: 140701; MUID:9205252; PMID:1955870
A;Reference number: 140701; MUID:9205252; PMID:1955870
A;Reference number: 140701; MUID:92055252; PMID:1955870
A;Reference number: 140701; MUID:9205252; PMID:1955870
A;Reference number: 150701; MUID:9205252; PMID:1955870
A;Reference number: 160701; MUID:9205252; PMID:1955870
A;Reference number: 160701; MUID:92055252; PMID:1955870
A;Reference number: 160701; MUID:9205252; PMID:195870
A;Reference number: 160701; MUID:195870
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                outer membrane protein A - Escherichia blattae (ATCC 33429) (fragment)
NyAlternate names: Outer membrane protein II
C;Species: Escherichia blattae
A;Variety: ATCC 33429
C;Baceise: AJC332
C;Baceise: Outer and evolutionary relationships among enteric bacteria.
B;Lawrence, J.G; Ochman, H.; Hartl, D.L.
J. Gen. Microbiol. 137, 1911-1921, 1991
R;Lawrence, J.G.; Ochman, H.; Hartl, D.L.
J. Gen. Microbiol. 137, 1911-1921, 1991
A;Reference number: I40701; MUD:92065252; PMID:1955870
A;Reference number: I40701; MUD:92065252; PMID:1955870
A;Restdues: preliminary; translated from GB/EMBL/DDBJ
A;Restdues: 1-241 cRES>
A;Restdues: 1-242 cRES>
A;Cross-references: UNIPROT:Q99124; UNIPARC:UP1000016EC3B; GB:M63344; NID:g146996; PIDN: A;Restdues: ompA
A;Restdues: preliminary
C;Genetics:
A;Genetics:
C;Genetics:
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Length 241;
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100.0%; Pred. No. 33;
ative 0; Mismatches
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DB 2;
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7.3%; Score 7; DB 2;
Best Local Similarity 100.0%; Pred. No. 33;
Matches 7; Conservative 0; Mismatches
Query Match 7.3%; Score 7; DB 2, Best Local Similarity 100.0%; Pred. No. 33; Matches 7; Conservative 0; Mismatches
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Matches 7; Conservative
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164 LGYTDRI 170

34 LGYTDRI 40

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outer membrane protein 3a ECs1041 [imported] - Escherichia coli (strain O157:H7, substrai C;Species: Escherichia coli C;Date: 18-Jul-2001 #sequence_revision 18-Jul-2001 #text_change 09-Jul-2004 C;Accession: A90759
                                                                                                                                                                                                                                                                R; Hayashi, T.; Makino, K.; Ohnishi, M.; Kurokawa, K.; Ishii, K.; Yokoyama, K.; Han, C.G.; gasawara, N.; Yashunaga, T.; Kuhara, S.; Shiba, T.; Hattori, M.; Shinagawa, H. DNA Res. 8, 11-22, 2001
A; Title: Complete genome sequence of enterohemorrhagic Escherichia coli O157:H7 and genome A; Reference number: A99629; MUD:21156231; PMID:11258796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       C;Species: Escherichia coli
C;Date: 16-Feb-2001 #sequence_revision 16-Feb-2001 #text_change 09-Jul-2004
C;Accession: G85622
R;Perna, N.T.; Plunkett III, G.; Burland, V.; Mau, B.; Glasner, J.D.; Rose, D.J.; Mayhew, iller, L.; Grotbeck, B.J.; Davis, N.W.; Lim, A.; Dimalanta, E.; Potamousis, K.; Apodaca, Nature 409, 529-533, 2001
Nature 409, 529-533, 2001
A;Title: Genome sequence of enterohemorrhagic Escherichia coli O157:H7.
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A;Experimental source: strain O157:H7, substrain EDL933
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R;Braun, G.; Cole, S.T.
Bur. J. Blochem. 137, 495-500, 1983
A;Title: Molecular characterization of the gene coding for major outer membrane protein (A;Reference number: S07222; MUID:84108348; PMID:6363059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       outer membrane protein 3a [imported] - Escherichia coli (strain O157:H7, substrain EDL93:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A;Status: preliminary
A;Molecule type: DNA
A;Residues: 1-346 «HAY»
A;Cross-references: UNIPROT:P02934; UNIPARC:UPI0000130CF0; GB:BA000007; PIDN:BAB34464.1;
A;Experimental source: strain O157:H7, substrain RIMD 0509952
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C;Date: 12-Feb-1993 #sequence_revision 12-Feb-1993 #text_change 09-Jul-2004
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Best Local Similarity 100.0%; Pred. No. 44;
Matches 7; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              A;Gene: ECs1041
C;Superfamily: outer membrane protein A
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;Superfamily: outer membrane protein A
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Best Local Similarity 100.0%;
Matches 7; Conservative 0
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258 LGYTDRI 264
          258 LGYTDRI 264
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A; Residues: 22-346 < CRIS
A; Cross-references: UNIPARC: UPI000017472B
A; Cross-references: M12, strain P400
R; Kuhn, A.; Kiefer, D.; Koehne, C.; Zhu, H.Y.; Tschantz, W.R.; Dalbey, R.E.
Bichem. 226, 981-897, 1994
A; Title: Evidence for a loop-like insertion mechanism of pro-Omp A into the inner membra
A; Reference number: $50909; MUID: 95112855; PMID: 7813480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      A; Cross-references: UNIPARC:UPI000017472C
R;Blattner, F.R.; Plunkett III, G.; Bloch, C.A.; Perna, N.T.; Burland, V.; Riley, M.; Cc
A; Rose, D.J.; Mau, B.; Shao, Y.
Science 277, 1453-1462, 1997
A;Title: The complete genome sequence of Escherichia coli K-12.
A;Title: The Complete genome sequence of Escherichia coli K-12.
A;Acefesence number: A64720; MUID:97426617; PMID:9278503
A;Acefesence number: A64720; MUID:97426617; PMID:9278503
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A;Residues: 1-346 <BEC>
A;Cross-references: UNIPROT:P02934; UNIPARC:UP10000130CF0; GB:V00307; GB:J01654; NID:942
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A;Experimental source: strain K-12, substrain MG1655
                                                                                                                                                                                                                                                                                                                                                                                                                                      A;Experimental source: strain K12
K;Movva, N.R.; Nakamura, K.; Inouye, M.
J. Mol. Biol. 143, 317-328, 1980
A;Title: Gene structure of the OmpA protein, a major surface protein of Escherichia coli
A;Reference number: A92862; MUID:81170587; PMID:6260961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A;Cross-references: UNIPARC:UPI0000130CF0; GB:J01654; GB:V00307; GB:V00358; NID:g146979; A;Experimental source: K12, strain K802
A;Experimental source: K12, strain K802
K;Chen, R; Schmidmayr, W.; Kramer, C.; Chen-Schmeisser, U.; Henning, U.
Proc. Natl. Acad. Sci. U.S.A. 77, 452-4596, 1980
A;Title: Primary structure of major outer membrane protein II* (ompA protein) of EscheriA;Reference number: A93855; MUID:81054820; PMID:7001461
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              C;Species: Escherichia coli
C;Date: 30-68p-1980 #sequence revision 30-5ep-1980 #text_change 09-Jul-2004
C;Date: 30-68p-1980 #sequence revision 30-5ep-1980 #text_change 09-Jul-2004
C;Accession: A93707; A92862; A93855; S50909; D64836; A03434
R;Beck, E.; Bremer, E.
Nucleic Acids Res. B, 3011-3024, 1980
A,Title: Nucleotide sequence of the gene ompA coding the outer membrane protein II of IA, Reference number: A93707; MUID:81053729; PMID:6253901
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r membrane protein A precursor - Escherichia coli (strain K-12) ternate names: outer membrane protein II*
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F;22-196/Domain: intramembrane #status predicted <INT>
F;196-208/Region: alanine/proline-rich
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100.0%; Pred. No. 44;
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Best Local Similarity 100.0
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Residues: 1-346 <BLAT>
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A; Residues: 1-346 < MOV>
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A; Experimental source: IP I145
                                                                  Query Match 7.3
Best Local Similarity 100.
Matches 7; Conservative
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A, Status: preliminary
A, Molecule type: DNA
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Best Local S
Matches 7
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Outer membrane protein A precursor - Shigella dysenteriae

Cispeciae: Shigella dysenteriae

Cispeciae: Shigella dysenteriae

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Ristan, Gi; Cole, S.T.

Nucleic Acidia Res. 10, 2367-2378, 1982

A; Reterence number: A03435; MUID:82221414; PMID:6283478

A; Reterence number: A03435; MUID:82221414; PMID:6283478

A; Reservence number: A03435; MUID:82221414; PMID:6283478

A; Reservence number: Asservence numbrane protein A

C; Genetics:
A; Genetics
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C;Species: Aspergillus aculeatus
C;Species: Aspergillus aculeatus
C;Date: 0.1-Aug-1955 #sequence_revision 01-Sep-1995 #text_change 09-Jul-2004
C;Accession: 851494
R;Christgau, S; Sandal, T; Kofod, L.V.; Dalboge, H.
R;Christgau, S; Sandal, T; Kofod, L.V.; Dalboge, H.
R;Christgau, S; Sandal, T; Kofod, L.V.; Dalboge, H.
A;Cress-resion cloning, purification and characterization of a beta-1,4-galactanase
A;Reference number: 851494
A;Reference number: 851494
A;Reference number: S51494
A;Residues: preliminary
A;Residues: 1-350 <CHR>
A;Residues: 1-350 <CHR>
A;Cress-references: UNIPROT:P48842; UNIPARC:UPI000012B0CE; EMBL:L34599; NID:g509836; PIC
C;Genetics:
A;Gene: gall
A,Accession: S07222
A,Molecule type: DNA
A,Residues: 1-350 <BRA>
A,Accession: 1-350 <BRA>
A,Accession: UNIPROT:P09146; UNIPARC:UPI0000130CF1; EMBL:X00254; NID:g40837; PIDNA,NOGE: the authors translated the codon CAG for residue 197 as Asn
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C;Keywords: membrane protein
F;1-21/Domain: signal sequence #status predicted <SIG>
F;12-350/Peroduct: outer membrane protein ompA #status predicted <MAT>
F;201-212/Region: alanine/proline-rich
F;213-350/Domain: periplasmic #status predicted <PER>
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P;1-21/Domain: signal sequence #status predicted <SIG>
P;2-251/Product: outer membrane protein A #status predicted <MAT>
F;22-201/Domain: intramembrane #status predicted <INT>
F;21-213/Region: alanine/proline-rich
F;214-351/Domain: periplasmic #status predicted <PER>
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Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         262 LGYTDRI 268
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Cispecies: Pseudomonas aeruginosa
Cibate: 15-Sep-2000 #sequence_revision 15-Sep-2000 #text_change 09-Jul-2004
Cibate: 15-Sep-2000 #sequence_revision 15-Sep-2000 #text_change 09-Jul-2004
Cibate: 15-Sep-2000 #sequence_revision 15-Sep-2000 #text_change 09-Jul-2004
Sistover, C.K.; Pham, X.Q.; Erwin, A.L.; Mizoguchi, S.D.; Warrener, P.; Hickey, M.J.; Bradman, S.; Yuan, Y.; Brody, L.L.; Coulter, S.N.; Folger, K.R.; Kas, A.; Larbig, K.; Lim, J. Lory, S.; Olson, M.V.
Nature 406, 959-964, 2000
A;Title: Complete genome sequence of Pseudomonas aeruginosa PA01, an opportunistic pathoglasherence number: A82950; MUID:20437337; PMID:10984043
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    C; Accession: JC6558
R; Nguyen, T.N.; Samuelson, P.; Sterky, F.; Merle-Poitte, C.; Robert, A.; Baussant, T.; He
dene 210, 93-101, 1998
A; Title: Chromosomal sequencing using a PCR-based biotin-capture method allowed isolation
A; Reference number: JC6558; MUID:98192544; PMID:9524233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A;Residues: i-354 <STO>
A;Cross-references: UNIPROT:Q91007; UNIPARC:UP100000C5834; GB:AE004710; GB:AE004091; NID
A;Experimental source: strain PAO1
                                                                                                                                                                                                                                                                                                                                                               probable secretion protein PA2836 [imported] - Pseudomonas aeruginosa (strain PAO1)
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C;Superfamily: multidrug resistance protein A; lipoyl/biotin-binding homology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              outer membrane protein A precursor - Klebsiella pneumoniae
C;Species: Klebsiella pneumoniae
C;Date: 05-Dec-1998 #sequence_revision 05-Dec-1998 #text_change 07-May-1999
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Kaywords membrane protein
F;1-21.Domain: signal sequence #status predicted <SIG>
F;22-356/Product: outer membrane protein A #status predicted <MAT>
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Length 351
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   DB 1,
7.3%; Score 7; DB 1
100.0%; Pred. No. 44;
iive 0; Mismatches
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A;Residues: 1-356 <NGU>
A;Cross-references: UNIPARC:UPI00001780DF
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cytokine receptor-like molecule-2 - mouse
cytokine receptor-like molecule-2 - mouse
cytokine receptor-like moleculus (house mouse)
cybate: l8-Aug-2000 #sequence_revision 18-Aug-2000 #text_change 18-Aug-2000
cybate: l8-Aug-2000 #sequence_revision 18-Aug-2000
cybate: l8-Aug-2000 #sequence_revision 18-Aug-2000
R;Hiroyama, T:; Iwama, A.; Morita, Y.; Nakamura, Y.; Shibuya, A.; Nakauchi, H.
Biochem: Biochys. Res. Commun. 272, 224-229, 2000
A;Title: Molecular cloning and characterization of CRLM-2, a novel type I cytokine reception enders: Smbryo
A;Contents: Embryo
A;Contents: Embryo
A;Contents: Embryo
A;Accession: UCT280
A;Molecula type: mRNA
A;Residues: 1-359 <HRN
A;Residues: 1-359 <HRN
A;Coss-references: UNIPARC:UPI000017C648; DDBJ:AB033945
C;Genetics:
A;Genetics:
A;Genetics:
A;Genetics:
C;Keywords: cytokine; embryo; receptor; signal transduction; transmembrane protein
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7.3%; Score 7; DB 2; Length 359;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 7; Conservative 0; Mismatches 0; Indels
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247 SLLLAAL 253
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